

ABSTRACT OF THE DISCLOSURE

A novel microorganism producing a nontoxic, non-
antigenic exopolysaccharide is taught. The
exopolysaccharide has neutral sugars migrating at the same
rate as mannose, fucose, fructose and galactose, acidic
sugars migrating at the same rate as fucose and amine sugars
migrating at the same rate as glucose and fucose, and
wherein the ratio of galactose:fucose:glucose:mannose is
about 1:2:3:6. The microbe and the exopolysaccharide have
uses as a biofilm in geologic applications and have several
consumer uses as food and drug polymers and use as a plasma
extender.